



# The Gazette of India

PUBLISHED BY AUTHORITY

SIMLA, SATURDAY, OCTOBER 25, 1947.

Separate paging is given to this Part in order that it may be filed as a separate compilation.

## PART II—SECTION 1

### Notifications and Notices issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE

##### Patents and Designs

Calcutta, the 18th October 1947

##### SPECIAL NOTICE

The following publication is now ready and is on sale with the Manager of Publications, Civil Lines, Delhi, and also at the Government of India, Central Book Depot, 8, Hastings Street Calcutta (for local sale only) :—

“The Patent Office Handbook, 7th Edition (thoroughly revised and enlarged)—

Price Re. 1 or 1s. 6d. per copy”.

##### Applications for Patents

##### *Titles have been abridged*

From 3rd October, to 8th October, 1947

38304. J. A. Bullen. Building construction.  
38305. Merck & Co., Inc. Isolation and purification of penicillin G.

38306. J. H. Hays. Spinning machine.

38307. British Insulated Callender's Cables Limited. Electric resistance seam welding applicable to the sheaths of electric cables. (10th October 1946).

38308. Standard Oil Development Company. Synthesis of hydrocarbons.

38309. J. E. Kennedy. Gyratory crusher operating mechanism.

38310. K. L. G. Sparking Plugs Limited. Radio aerials for use on vehicles. (25th June 1946).

38311. K. L. G. Sparking Plugs Limited. Radio aerials for use on vehicles. (30th August 1946).

38312. Tecalemit Limited. Grease guns or compressors and like lubricant dispensing devices. (13th November 1946).

38313. H-P-M Development Corporation. Converting fluid pressure.

38314. O. A. Granowski and L. W. Granowski. Liquid driven motors.

38315. H. P. Mathrani. Sheet piles. (7th October 1946).

38316. American Cyanamid Company. Preparation of pterins. (5th December 1946). (Addition to No. 34752).

38317. N. V. Technische Maatschappij Mar-chand-Andriessen. Conveying apparatus.

38318. N. V. Transorma Bundel-Sluit-Machine; B. S. M. Bundle-tying machines.

38319. S. E. Willett and Clayton Dewandre Company Limited. Rotary blowers, compressors and exhausters. (21st October 1946).

38320. Onions & Sons, Limited. Earth scrapers. (20th February 1940).

38321. Prior Stokers Limited and F. P. D. Scott. Grates or burners for boilers and the like. (13th August 1941).

38322. H. C. Ditchburn. Stator winding machine. (8th October 1946).

38323. D. P. Pavri. Game.

38324. Standard Telephones and Cables Limited. Electrical power supply equipment. (10th October 1946).

38325. Anglo-Iranian Oil Compa Limited. Hydrofining of hydrocarbons in Oils. (10th October 1946).

38326. H. G. Martin. Reservoir writing instruments. (13th May 1946).

38327. The General Electric Company Limited. Cathode ray tubes. (14th August 1946).

38328. American Cyanamid Company. Synthetic folic acid and preparation thereof. (11th July 1946).

38329. Sterling Drug Inc. Quinoline derivatives. (16th May 1947).

##### Applications accepted

Notice is hereby given that all persons interested in opposing the grant of a patent on

any one of the applications, referred to below, may at any time within four months of the date of this *Gazette of India* give notice at the Patent Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Manager of Publications, Civil Lines, Delhi, also on cash payment at the counter of the Government of India, Central Book Depot, 8, Hastings Street, Calcutta, in due course.

The price of each specification is Re. 1 (postage extra if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of the specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office, on payment of the necessary charges, which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under section 78-A of the Act.

27869. Callender's Cable & Construction Company Limited. Improvements in electric cables. (5th January 1940).

*Insulating and water proof cover for conductor, the core formed of lengths of cellular rigid flexible material.*

28231. G. F. French and R. French. Improvements in machine gun cartridge belts and the like.

*Flexible carrier member and cartridge-holders of thin sheet pliable metal.*

30120. Vickers-Armstrongs Limited. Improvements in aerofoils.

*Forces imposed upon external surfaces of aerofoil by sub-atmospheric pressure are balanced by sub-atmospheric static pressure created within its interior.*

30780. W. E. Smith and J. L. M. S. Banks. Improvements relating to structural materials. (21st April, 1943).

*Panel containing air cells is built up from a skeleton structure presenting open cavities in which filling material is introduced.*

30813. Standard Telephones and Cables Limited. Methods of and systems for the demodulation of a wave which is repetitive at equal known time intervals. (17th January 1941).

*Signal wave and locally derived wave applied to input circuits of differential detector.*

30821. Standard Telephones and Cables Limited. Improvements in or relating to keying devices for high frequency circuits. (11th August 1941).

*Keying arrangement for use with radio frequency for feeding one or other of two transmission lines.*

31694. The M-O Valve Company Limited. Improvements in the construction of thermionic grid-controlled valves. (24th June 1942).

*Control grid and anode located by disc seal.*

32667. E. I. Du Pont de Nemours and Co. New polymeric materials by reacting N-alkoxymethyl polyamides with certain alcohols.

*Reacting an N-alkoxymethyl polyamide with a substance containing a plurality of alcoholic hydroxyl group.*

33211. P. M. Luckham and J. E. Medgett. Improvements in or relating to apparatus for operating valves electromagnetically, particularly applicable to valves of internal-combustion engines. (4th September 1944).

*A distributor connecting a resistance in series with the electromagnet after the valve is lifted.*

33534. M. N. Yardeny. Control apparatus for electric motors.

*Direction of rotation of reversible electric motor controlled by the position of one control element in relation to another, both control elements being movable relative to one another.*

33725. Imperial Chemical Industries Limited. New mononitromononitriles. (6th December 1944).

*Interacting a primary nitroparaffin with an unsaturated nitrile.*

33773. E. D. O. Bernier. Improvements relating to the locking mechanism of relatively slidable members.

*The locking catch housed in a locking hole or equivalent is turned over marginal edge to prevent lateral and fore and aft movement.*

33774. E. D. O. Bernier. Mechanism for adjusting the height or angle of tilt of vehicle and other seats.

*A driven helical gear or worm wheel causes a screw threaded spindle to alter the angle of tilt.*

33819. Power Jets (Research and Development) Ltd. Improvements in or relating to compressors and turbines. (28th July 1943).

*Two stage use of a moving blade row.*

33844. Standard Telephones and Cables Limited. Aircraft radio guiding system.

*In combination a plurality of localizer beacons, plurality of glide path beacons associated therewith, plurality of radio range beacons, all energised with same carrier.*

33911. Dr. M. Winterhalter. Improvements in or relating to the manufacture of sliding clasp fasteners.

*Interlocking elements and end stop member directly moulded on the stringer tape in a single operation.*

**38912.** Dr. M. Winterhalter. Improvements in or relating to apparatus for the manufacture of sliding clasp fasteners.

*A closure member longitudinally adjustable within casting channel to vary the free length of the channel and the number of individual moulds.*

**34125.** A. G. Sharples. Improvements in or relating to building units.

*Precast facing of different material than a block of fired clay at least one side of the body part of the block and terminating short of the ends of the block.*

**34135.** B. B. Chemical Company Limited. Improvements in or relating to neoprene solutions.

*Incorporating dicarboxylic acids or derivatives.*

**34159.** The British United Shoe Machinery Company Limited. Improvements in or relating to work-supports for shoe machines.

*Two work supporting members movable independently under pressure of the work, and alternately retained against movement.*

**34212.** S. R. Krishna Murthy. Improved frames for the slates or the like.

*Slate frame marked with inches, centimeters, angles guide lines and mathematical tables by printing, embossing or indenting.*

**34298.** Power Jets (Research & Development) Limited. Improvements relating to rotary compressors. (5th March 1945).

*Single-entry centrifugal compressor combined with multistage radial flow compressor, both the rotor elements rotating as one.*

**34303.** S. K. Agarwala. A machine for cold bending of reinforcement bars of large sections.

*Combination of runner, a lever provided with a grip and sliding on the rail, a pulley, a crabwinch, a turntable and a clip.*

**34318.** Societe Anonyme Des Manufactures Des Glaces Et Produits Chimiques de Saint-Gobain, Chauny & Cirey. Improvements in or relating to methods of and apparatus for making glass and the like. (11th September 1945).

*One or more melting beds disposed in the glass batch for the passage of electric current.*

**34377.** R. G. Letourneau, Inc. Scraper for digging, loading and discharging earth.

*Lengthwise moving digging and carrying bowl mounted on a frame disposed above and for movement along the ground.*

**34394.** The General Electric Company Limited. Improvements in and relating to discharge lamps. (21st March 1945).

*Discharge passage formed by two components with ridges lying close together to prevent leakage, flange on one component sealed to the other vacuum tight.*

**34446.** Welding Supplies Limited. Improvements in or relating to electrodes for electric arc welding and cutting. (9th April 1945).

*Flux coating with ferromanganese poor in carbon (25-40 per cent.), quartz (20-30 per cent.), kaolin (0-10 per cent.), siderite (30 to 50 per cent.) in addition to a binder.*

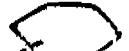
**34462.** A. D. Tchorz. Improvements in or relating to metal windows.

*Four separate sides having channel or I-profile and solid reinforces at their corner ends across their web portions.*

**34475.** W. A. Rathbone. An improved stove suitable for burning sawdust.

*Comprises an outer casing and an inner fuel container of less diameter than the casing leaving an annulus surrounding the inner container, aperture in the base of the outer casing controlled by a damper and a flue pipe leading from the lowest part of the annulus.*

**34501.** J. R. Geigy A.-G. Process for the production of trichlorovinylketones. (22nd October 1945).

*Trichloroacrylic acid halogenide is reacted with compounds of the type  $R'$   where  $R'$  means an isocyclic ring or ring system.*

**34624.** Cellomold Limited. Improvements in or relating to synthetic resins. (17th April 1945).

*Condensing resorcinol and aldehyde in presence of water at 60-100°C and adding further aldehyde for thermo hardening condensation product.*

**34686.** International Tobacco (Overseas) Limited. Improvements in or relating to tobacco leaf stemming machines. (27th April 1945).

*Two chains converging in the direction of travel have apertures between them becoming smaller detach tobacco leaf and two chamfered stripping roller draw the stem from leaf.*

**34709.** Automatic Telephone & Electric Company Limited. Improvements in or relating to telephone or like systems. (19th May 1945).

*Equipment is insensitive to voice frequency currents, the characteristic signal prior to setting signals condition the equipment.*

34776. The International General Electric Company, Inc. Improvements in or relating to chloromethyl silicon compounds.  
*Reacting chlorine with methyl chlorosilane at low temperature.*

34942. H. Marshall. Improved type of barred shutters metal window.  
*Flat bars are riveted to the metallic frame.*

34987. E. I. Du Pont de Nemours and Co. Improvements in or relating to herbicidal compositions.  
*Comprises a chlorophenoxy acetic acid, a dispersing agent and a solvent.*

34988. E. I. Du Pont de Nemours and Co. Improvements in or relating to herbicidal compositions.  
*Ammonium salt of a nuclear chlorinated phenoxyacid in aqueous medium.*

35296. F. Hoffmann-La Roche & Co., Aktiengesellschaft. A process for the manufacture of pyridinium compounds. (13th June 1946).  
*Transforming 3-hydroxypyridine into N, N-disubstituted carbonic acid esters and quaternating the resulting compound.*

35402. Western Electric Company, Incorporated. Wave transmission networks. (10th September 1943).  
*Impedance element provided with apertured partition.*

35459. Standard Telephones and Cables Limited. Television systems.  
*A method of selectively receiving one of the transmitted signals.*

35541. Western Electric Company, Incorporated. Improvements in or relating to ultra-high frequency oscillation generators of the reflection type. (4th March 1944).  
*Electron gun constructed to produce hollow cylindrical beam projected across gap parallel and coaxial with its axis.*

34646. W. L. Ripley. Gyratory apparatus. (11th August 1945).  
*Amusement means mounted on a pair of inter connected shafts mounted for gyratory movement.*

34653. The Mullard Radio Valve Company Limited. Improvements in and relating to carbon potentiometers.  
*Carbon employed is in the form of a coating layer on particles of powdered insulating material.*

34672. Carnegie-Illinois Steel Corporation. Process for the electro-deposition of tin.  
*Comprises of adding to the aqueous acid tin solution a sulphoxide of the formula  $OH-R-SO-R'-OH$  where R and R' represents a benzene and naphthalene ring.*

35682. Suter Electrical Engineering Limited. Improvements relating to presses and other machine tools. (27th June 1945).  
*Piston and cylinder units under air or fluid pressure hold a strip in position during pressing.*

35702. Imperial Chemical Industries Limited. Improvements in or relating to fluid cathode electrolytic cells. (27th August 1941).  
*Device for adjusting inter electrode distance, having means for sealing the lid to the cell.*

35705. Imperial Chemical Industries Limited. Improvements in or relating to electrolytic cells. (17th September 1945).  
*Comprises of liquid electrode flowing on the base and an adjustable cover having a skirt encloses the base.*

35825. Metropolitan-Vickers Electrical Company Limited. Improvements in and relating to power plant comprising elastic fluid turbines driving load shafts through transmission gearing (18th August 1942).  
*Load shaft driven by turbines through concentric type gearing and two independently controllable clutches.*

35832. Metropolitan-Vickers Electrical Company Limited. Improvements in internal combustion turbine plant for propulsion by jet action, at least in part. (11th August 1943).  
*Thrust augmented by additional jets and propellers driving energy from additional combustion chamber, supplied with air from main compressor.*

34852. N. M. Harrison and H. D. Mayes. Improvements in or relating to the preparation of road or other surfaces and to road rollers and the like machines for use in such preparation.  
*Supplementary load applying tread engage road surface in operative position.*

35859. Fairylites Limited. Glass and other pressed or moulded prismatic reflectors and the manufacture thereof. (17th July 1939).  
*Mould for lamp reflectors comprising single-facet elements, double-facet and a marginal series of facet elements.*

36050. Communications Patents Limited. Improved insulated electric conductors.  
*An outer sheath having a fin which can be made to remain the position where it at least partly encircles the exterior wall of the sheath.*

35903. Koppers Company, Inc. Method and apparatus for recovering ammonia from ammonia-containing gases.  
*Recovery of ammonia as ammonia sulfate by contacting the ammonia gas with an acidic solution.*

35965. O. V. Kohorn. A machine for the manufacture of staple fibers.  
*Comprises a plurality of spaced cages with means for rotating at least one of the cages about its longitudinal axis.*

36142. Armstrong Siddeley Motors Limited. Fluid sealing means for a row of double blades of a turbine or other rotor. (17th April 1944).  
*Oppositely-disposed angular contact bearing, radial sealing being provided between the two rings of blades.*

36143. Armstrong Siddeley Motors Limited. Internal-combustion jet-propulsion turbine plant. (17th June 1942).  
*Shell carrying internally some of the turbine blades and rotating in the opposite direction to that in which some of the compressor blades rotate, the shell driving external jet-augmenter blades against stationary augmenter blades.*

36146. Armstrong Siddeley Motors Limited. Jet-propulsion internal-combustion turbine plant. (3rd September 1942).  
*A number of independent freely rotatable compressor sections each fast with a driving turbine section and means for supplying air from a jet-augmenter to the first compressor section.*

36147. Armstrong Siddeley Motors Limited. Internal-combustion turbine plant (5th November 1942).  
*Independent compressor rotors respectively coupled to rotary turbine sections the blades of which engage with blades on a counter-rotating turbine member which drives rotary jet augmenter blades.*

36285. Joseph Bradbury & Sons Limited. Improvements in and relating to lifting apparatus or jacks.  
*Comprises trip gear to move the gripping plates into and out of gripping position in relation to post.*

36393. J. D. Crary. A container provided with carrying handles.  
*In a container the handle consists of a longitudinal strip of paper the outer edges being secured to the upper outer surfaces of the container.*

36412. M. Kuniansky. Improvements in and relating to centrifugal pipe casting apparatus.  
*Temperature controlled centrifugal pipe casting apparatus with rotatably mounted tubular mold surrounded by cooling arrangement with water.*

36451. Standard Telephones and Cables Limited. Electrical control system for transmission between signalling stations.  
*Actuating means responsive to an applied potential having a predetermined value, the actuating means including a gas tube.*

36772. The Linde Air Products Company. Process for flame-machining of steel. (23rd September 1946).  
*In flame machine steel, the powder used consists of alkali metal compound containing a carbonate radical.*

36860. Western Electric Company, Incorporated. Improvements in or relating to electrical connectors of the plug and socket type. (13th November 1941).  
*Metallic tubes threaded over bared ends of cord conductors and flattened and crimped transversely.*

36934. W. Hurst and C. Lever. Improvements in or relating to piston and like sealing rings. (8th March 1946).  
*Ring comprises segments with inter-engaging gas-sealing formations at their ends, segments being spring urged in contact with the cylinder surface.*

37149. M. Ostrowiak. Improvements in the manufacture of cellular materials.  
*Cellular materials formed with foam forming materials the excess of which is drained away without disturbing the spherical cell structure of the materials.*

37310. The Nuddea Mills Company Limited. Improvements in jute fabrics particularly applicable to carpets, rugs and the like.  
*The number of warps in each set being more or less, closely spaced and the weft is of jute.*

37531. H. Lakeland. Improvements in warp let-off motions of looms for weaving.  
*A pair of swinging arms supporting a carrier roller forming the movable back rest being provided with segmental lower ends formed with teeth engaging toothed wheel mounted on a shaft.*

#### Opposition Proceedings

(1)

An opposition has been entered by S. K. Sanghvi and R. K. Sanghvi to the grant of a patent on application No. 34949 made by K. C. Bhappu.

(2)

An opposition has been entered by S. K. Sanghvi and R. K. Sanghvi to the grant of a patent on application No. 35024 made by K. C. Bhappu.

#### Printed Specifications Published

A limited number of printed copies of the undernoted specifications are available for sale from the Manager of Publications, Civil Lines, Delhi or on cash payment at the counter of the Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at one rupee each :—

30085. 31080. 31215. 31678. 32073. 33331.  
 31211. 31947. 31994. 33115. 33377.  
 30375. 31780. 32267. 32307.

28152.	28153.	30230.	32150.	32301.	32316.	23925.	23941.	23948.	24401.	25164.	25171.
32318.	32323.	32465.	32519.	32895.	33369.	25223.	25259.	25821.	26132.	26354.	26355.
28366.	32234.	32389.	32429.	32430.	32946.	26356.	26370.	26371.	26409.	26419.	26432.
33241.	33242.	33754.	34006.			26484.	26932.	27367.	27386.	27997.	27999.
30851.	31437.	31776.	32023.	32219.	33062.	28000.	28017.	28027.	28040.	28051.	28052.
33841.	34069.					28142.	28783.	28900.	28978.	29076.	29077.
32067.	32110.	32690.	32932.	34076.		29447.	29456.	29461.	29463.	29464.	29471.
32011.	32302.	32312.	32681.	32686.	33168.	29476.	29487.	29488.	29489.	29497.	29498.
33226.	33231.	33873.	33895.			29507.	29508.	29513.	29518.	29728.	30578.
32077.	32176.	33395.	33509.	33840.	34548.	30741.	30789.				
29638.	31556.	32120.	32900.	33075.	33197.						
33198.	33350.	33655.									
30464.	31555.	32096.	32381.	32382.	33376.						
33814.	33853.	34332.									
31026.	31824.	31825.	33218.	33278.	34093.						
34250.	34393.										
32308.	32515.	32689.	32731.	33330.							

**Patents sealed**

31812.	31822.	31950.	32038.	32057.	32221.
32222.	32235.	32317.	32425.	32538.	33215.
33227.	33349.	33642.	33655.	33718.	38757.
33799.	33858.	33867.	33972.	34072.	34098.
34127.	34154.	34204.	34205.	34250.	34266.
34286.	34558.	34590.	34882.	35419.	35756.

**Renewal Fees Paid**

19314.	19369.	20481.	20682.	20683.	20968.
21276.	21487.	21488.	21520.	21521.	21663.
21950.	21951.	22295.	22366.	22421.	22453.
22497.	23127.	23176.	23359.	23484.	23534.
23535.	23583.	23584.	23585.	23703.	24501.
24583.	24596.	24840.	24861.	24898.	25052.
25205.	25585.	25747.	25806.	25878.	25886.
25907.	26086.	26519.	26675.	26981.	26994.
26996.	27114.	27115.	27116.	27142.	27143.
27158.	27181.	27373.	27374.	27375.	27718.
27747.	27836.	27934.	28007.	28319.	28379.
28446.	28455.	28461.	28481.	28501.	28531.
28914.	29158.	29159.	29160.	29161.	29185.
29230.	29413.	30184.	30354.	30397.	30647.
30898.	31212.	31213.	31732.	31810.	31881.
32208.					

**Cessation of Patents**

[The entries under this heading should not be regarded as final in view of the Indian Patents and Designs (Extension of Time) Act, 1942.]

19775.	19777.	19782.	19826.	19831.	19859.
20745.	20755.	20774.	20799.	20827.	21811.
21813.	21836.	22778.	22784.	22789.	22791.
22797.	22798.	22800.	22813.	22814.	22882.
28246.	28688.	23849.	23873.	23921.	23924.

**Registration of Designs**

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration, except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs included in that entry.

Class 1 No. 70263. Erroll Engineering Company Limited of 31, Upper St. James Street, Brighton, Sussex, England, a casing for a gas, electric or oil heater made wholly of metal, June 21, 1947.

Class 13 Nos. 70255-70258; The Calico Printers' Association, Limited, St. James's Buildings, Oxford Street, Manchester, Lancashire, England, Textile piecegoods, June 19, 1947.

Class 13 No. 70299. The Calico Printers' Association, Limited St. James's Buildings, Oxford Street, Manchester, England, Textile piecegoods, July 29, 1947.

*Copyright extended for a second period of five years.*

Design No. 67794 Class 13.

*Copyright extended for a third period of five years.*

Design No. 62867 Class 1.

Design Nos. 62458, 62459, 62460, 62462, 62463, 62464, 62465, 62703 and 62866 Class 3.

Design No. 62893 Class 13.

Nos. 62233, 62387, 62436, 62437, 62439, 62490 and 62491 Class 1.

K. RAMA PAI,  
Controller of Patents and Designs.